

MIDNIGHT

6 AM

CHART NO. MC MP-1500

METER

CHART PUT ON

TAKEN OFF

LOCATION

REMARKS

AMERICAN VALVE INSPECTOR  
500 psi  
300 psi  
300 psi  
300 psi

H B 11-5  
1/29/18  
Dm Bice

## **HB 11 Fed 5 Temporary Abandonment**

Summary: TOOH rod string and pump, unset TAC, TOOH tubing and BHA, RIH and set CIBP, cap with cement, run CBL, perform MIT with BLM notification / witness

**\*\*Rig anchors on location have been tested SATISFACTORY\*\***

**WBS MM-125224.CA.WWO is approved for \$55,756.00**

Potato Basin Workover Team,

The **HB 11 Fed 5** is to be Temporarily Abandoned to evaluate uphole potential. As part of the TA process, we will install a CIBP above the existing perforated interval, cap with cement, and pressure test the wellbore.

Note the following in the approved TA Sundry:

- Complete a CBL after tagging cement to validate uphole potential perforated intervals.
- Complete a 500 PSIG MIT for 30 min. on a 1 hour, 1,000 PSIG chart recorder for submission to the BLM.
- Maintain a copy of the approved sundry procedure on location at all times.

**\*\*H2S: No history of H2S on the HB 11 Fed 5; however, all normal H2S monitoring precautions are still required\*\***

**BLM Contact:** Paul Schwartz – Office: (575) 234-5985 or Office: (575) 361-2822

\*Contact at least 24 hours prior to performing MIT\*

### **HB 11 Fed 5 Pre-TA Notes:**

- 2<sup>nd</sup> BSSS perforated interval from 7,956' to 7,963', 8,108' to 8,121', and 8,128' to 8,132' MD.
  - Current PBSD: 8,408' in 2006.
  - 5 ½" 17# J-55 casing set from surface to 8,497' MD.
  - CIBP to be set between 7,850' and 7,940' MD per approved sundry.
  - Note full Conditions of Approval in Approved Sundry. Contact engineering if there is a conflict between this procedure and the Approved Sundry.
1. Hold tailgate safety meetings prior to R.U., each morning and before each operational change or event. Clearly identify the Person In Charge.
  2. Bleed down casing pressure and top kill well as needed with KCL brine.
  3. This well is being pulled in preparation for Temporary Abandonment.
- \*NORM Check required for equipment leaving location & downhole parts left on surface\***
- a. ND wellhead. NU rod rams.
  - b. TOOH rod string as follows:

| ROD on 4/1/2014 06:00 |          |               |                  |           |           |          |            |            |
|-----------------------|----------|---------------|------------------|-----------|-----------|----------|------------|------------|
| ROD Description       | Run Date | Casing Length | Set Depth (ftKB) |           |           |          |            |            |
| ROD                   | 4/1/2014 | 8,178.0       | 8,178.0          |           |           |          |            |            |
| Item Des              | Jts      | OD (in)       | Grade            | Conn. Fur | Conn. Put | Len (ft) | Top (ftKB) | Bot (ftKB) |
| PGL-SH ROD            | 1        | 1 1/8         |                  |           |           | 26.00    | 8,152.0    | 8,178.0    |
| RODS                  | 2        | 7/8           |                  |           |           | 6.00     | 8,146.0    | 8,152.0    |
| RODS                  | 103      | 7/8           |                  |           |           | 2,575.00 | 8,140.0    | 8,146.0    |
| RODS                  | 202      | 3/4           |                  |           |           | 5,050.00 | 8,134.0    | 8,140.0    |
| RODS                  | 20       | 7/8           |                  |           |           | 500.00   | 8,128.0    | 8,134.0    |
| RODS                  | 1        | 1             |                  |           |           | 1.00     | 8,127.0    | 8,128.0    |
| RHBC PUMP             | 1        | 2 1/2         |                  |           |           | 20.00    | 8,127.0    | 8,127.0    |

- c. ND rod rams.
- d. NU 5,000 psig BOP with 1 set of blind rams on bottom and 1 set of 2 7/8" tubing rams on top. Test BOP to Devon specifications. Ensure 2 7/8" TIW available on location for well control.
- e. Unset TAC. TOOH tubing string as follows:

| PROD TUBING set at 8,193.4ftKB on 3/5/2006 00:00 |          |               |                        |       |          |            |            |  |
|--|----------|---------------|------------------------|-------|----------|------------|------------|--|
| PROD TUBING                                      | Run Date | Casing Length | Set Depth - EOT (ftKB) |       |          |            |            |  |
| PROD TUBING                                      | 3/5/2006 | 8,193.4       | 8,193.4                |       |          |            |            |  |
| Item Des   | Jts      | OD (in)       | Wt. (lb/ft)            | Grade | Len (ft) | Top (ftKB) | Bot (ftKB) |  |
| TUB  | 126      | 2 7/8         | 8.50                   | J-55  | 4,000.00 | 8,193.4    | 8,193.4    |  |
| TUB  | 127      | 2 7/8         | 8.50                   | L-80  | 1,000.00 | 8,193.4    | 8,193.4    |  |
| 35' CEMENT                                       | 1        | 5 1/2         |                        |       | 35.00    | 8,193.4    | 8,193.4    |  |
| TUB  | 3        | 2 7/8         | 8.50                   | L-80  | 25.75    | 8,193.4    | 8,193.4    |  |
| ISOL FLUE  | 1        | 2 7/8         | 8.50                   |       | 1.00     | 8,193.4    | 8,193.4    |  |
| PERF CLE   | 1        | 2 7/8         | 8.50                   | J-55  | 1.00     | 8,193.4    | 8,193.4    |  |
| TUB  | 1        | 2 7/8         | 8.50                   | L-80  | 1.00     | 8,193.4    | 8,193.4    |  |
| ISOL FLUE  | 1        | 2 7/8         | 8.50                   |       | 1.00     | 8,193.4    | 8,193.4    |  |
|  | 0        |               |                        |       |          | 8,193.4    | 8,193.4    |  |

4. RIH w/ Wireline and set CIBP between 7,850' and 7,940' MD per BLM approved procedure.
5. Pressure test casing to 500 PSIG for 30 minutes to verify casing will pass MIT. Contact foreman and engineering if casing fails integrity check.
6. RIH and complete CBL past top of cement. Complete casing integrity log to surface. Obtain copies for BLM and engineering.
7. TIH with 2 7/8" tubing and cap CIBP with 35' of cement. Wait on cement.
8. TIH and tag top of cement to verify PBSD. TOOH tubing string.
9. Prior to performing MIT, contact BLM Engineer Paul Schwartz via contact info.
  - a. Use a 1 hr circular chart rated for 1,000 PSIG.
  - b. Fill casing with corrosion inhibited fluid.
  - c. Test casing at surface to 500 psig. Record pressure on chart for 30 minutes.
  - d. Maintain chart for submission to BLM and Devon Engineering.

10. Shut in well. RDMO.

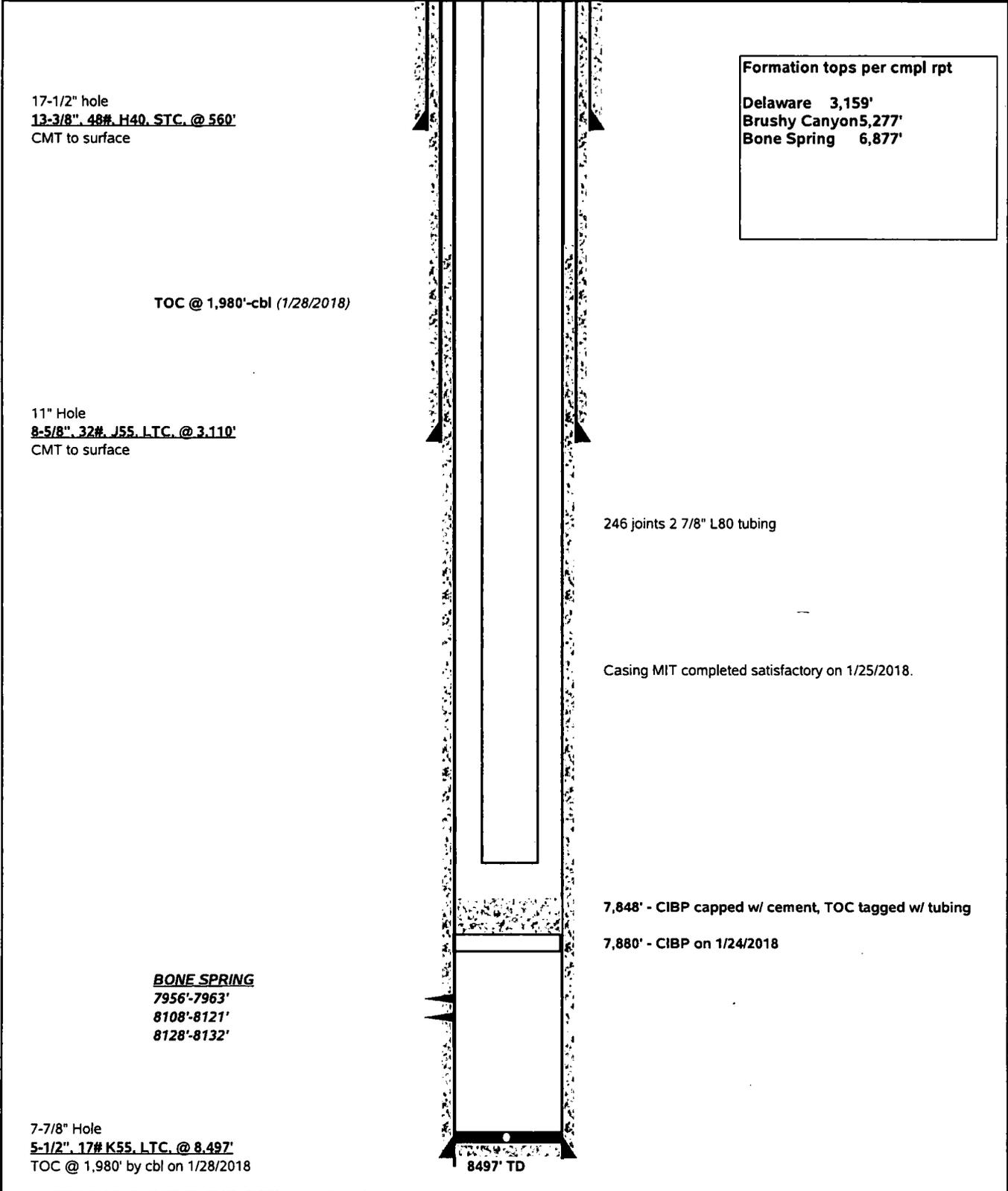
Additional Notes:

- Record any relevant information in daily reports – too much information/data will never be an issue.
- **SAFETY FIRST** – anyone has the authority to stop work if an activity appears unsafe. Be proactive on any procedural or technical recommendations and relay any ideas along for discussion.

| <b>Contact</b>  | <b>Company</b>            | <b>Office #</b> | <b>Mobile #</b> |
|-----------------|---------------------------|-----------------|-----------------|
| Tracy Egeland   | Devon - Workover Foreman  | (575) 746-5593  | (575)513-9290   |
| Joe Koessler    | Devon – Engineer          | (405) 228-8407  | (405) 880-6627  |
| Wesley Ryan     | Devon – Foreman           | (575)748-0177   | (575)390-5436   |
| Leonard Aguilar | Devon – Assistant Foreman | (575)234-0207   | (575) 234-0242  |
| Paul Schwartz   | BLM Engineer              | (575) 361-2822  | (575) 234-5985  |
|                 |                           |                 |                 |

**DEVON ENERGY PRODUCTION COMPANY LP**

|  |                          |                             |                    |
|--|--------------------------|-----------------------------|--------------------|
| Well Name: H B 11 FEDERAL #5                     |                          | Field: PIERCE CROSSING EAST |                    |
| Location: 330' FNL & 1750' FNL; SEC 11-T24S-R29E |                          | County: EDDY                | State: NM          |
| Elevation: 3,082' KB; 3,064' GL; 18' KB to GL    |                          | Spud Date: 8/15/03          | Compl Date: 9/5/03 |
| API#: 30-015-32741                               | Prepared by: J. Koessler | Date: 2/6/18                | Rev:               |



# WELLBORE DIAGRAM PARTS LIST

